

Abstract:

The yarn measuring device (1) of the invention is a hand-operated measuring instrument, with a yarn catcher (8), which when a trip lever (6) is tripped places the yarn over a yarn applicator element (27) of a force sensor (29). The yarn tension detected, like the yarn speed detected, is delivered to a processing device for display and further processing. The device makes one-handed operation possible. The boomerang-shaped housing (2) is embodied on one end as a handle, on which a trip lever, a control knob (10) embodied as a knob/pushbutton, and a display (5) are all disposed. The control knob (10) can be twisted and depressed by the user's thumb, so that full operation, that is, the selection of all the measurement and operating modes, can be done with only the thumb. The measurement is performed by means of the trip lever (6), which actuates both the yarn catcher (8) and a measurement activation switch (49).

(Fig. 6)